

03500.015727.

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TAKEO TSUKAMOTO

Application No.: 09/941,780

Filed: August 30, 2001

For: ELECTRON-EMITTING DEVICE,
ELECTRON-EMITTING APPARATUS,
IMAGE DISPLAY APPARATUS, AND
LIGHT-EMITTING APPARATUS

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Examiner: D. H. Vu

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Group Art Unit: 2821

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February 12, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF PREVIOUSLY CITED ART

Sir:

As requested by the Examiner, Applicant respectfully submits herewith copies of the non-U.S. Patent documents which were previously cited in the Information Disclosure Statements filed in the U.S. Patent and Trademark Office on July 30, 2003, September 8, 2003, and September 17, 2003. Although copies of those non-U.S. Patent documents were submitted to the U.S. Patent and Trademark Office with the corresponding Information Disclosure Statements, Applicant understands that the copies have been misplaced within the Office.


For the Examiner's convenience, one copy of each Information Disclosure

Statement and the accompanying Form PTO-1449, wherein the non-U.S. Patent documents are listed, is enclosed, as is a copy of each corresponding postcard stamped evidencing receipt by the U.S. Patent and Trademark Office.

It is respectfully requested that the above information be considered by the Examiner.

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Frank J. Scinto", is written over a horizontal line.

Attorney for Applicant

Registration No. 42,476

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_MAIN 407544v1

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P.O. Box 1450
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Date 7 / 30 / 2003
Mo. Day Yr.
Atty. Docket 03500. 015727.
Application 09/941,780

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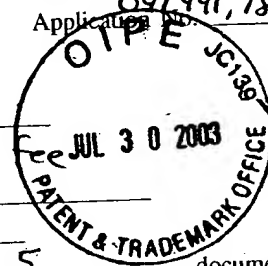
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U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		6,087,765	07/11/00	Coll et al.	313	309			
		5,872,422	02/16/99	Xu et al.	313	311			
		2002/0009637	01/24/02	Murakami et al.	429	213			
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		
		WO 01/93292	12/06/01	PCT					
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)									
EXAMINER				DATE CONSIDERED					

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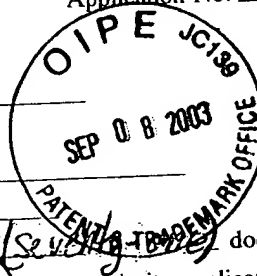
Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date 09/08/03
Mo. Day Yr.
Atty. Docket 03500.015727.
Application No. 09/441,780

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- ☒ Information Disclosure Statement, PTO-1449 and 71/Severing documents
- ☐ Claim for priority and certified copies of _____ priority applications
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- ☒ Other (specify) U.S. Pat. Appns. 09/806,289, 09/455,137, 10/106,484, 10/234,213
09/666,605 & 10/235,809
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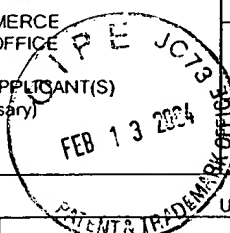


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Date Submitted to PTO: [DATE]			APPLICANT Takeo Tsukamoto			
FILING DATE August 30, 2001			GROUP 2821			
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,472,814 B1	10/02	Yamanobe et al.	313	495	11/13/98
	5,847,495	12/98	Yamanobe et al.	313	310	
	5,066,883	11/91	Yoshioka et al.	313	309	
	6,455,021 B1	09/02	Saito	423	447.3	07/20/99
	6,471,936 B1	10/02	Chen et al.	423	658.2	03/02/00
	6,283,812 B1	09/01	Jin et al.	445	24	01/25/99
	4,816,289	03/89	Komatsu et al	423	447.3	
	5,443,859	08/95	Nagata	427	122	
	5,618,875	04/97	Baker et al.	524	495	
	5,690,997	11/97	Grow	427	249	
	6,129,602	10/00	Yamanobe	445	24	
	6,228,904 B1	05/01	Yadav et al.	523	210	
	6,333,016 B1	12/01	Resasco et al.	423	447.3	9/3/99
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	6,445,006 B1	09/02	Brandes et al.	257	76	7/27/99
	5,981,305	11/99	Hattori	438	20	
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	5,458,784	10/95	Baker et al.	210	674	5/3/00
	6,331,690 B1	12/01	Yudasaka et al.	219	121.6	
	5,965,267	10/99	Nolan et al.	428	408	
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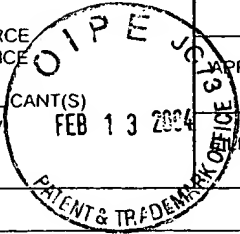
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	6,390,612 B1	05/02	Kotaki et al.	347	85	
	5,872,541	02/99	Yoshioka et al.	345	74	
	5,543,684	08/96	Kumar et al.	313	495	
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	5,500,200	3/96	Mandeville et al.	423	447.3	
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	2002/0146958 A1	10/02	Ono et al.	445	24	
	2003/0048056 A1	3/03	Kitamura et al.	313	311	

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Takeo Tsukamoto			
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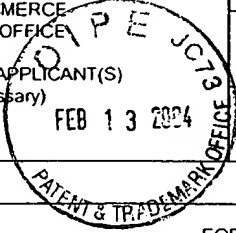


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11-194134	07/99	Japan	G01N	37/00	Abst., European Equivalent 0 913 508 A3	
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1 122 344 A2	08/01	EPO	D01F	9/127	English	
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1 022 763 A1	7/00	EPO	H01J	9/02	English	
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1 102 299 A1	5/01	EPO	H01J	1/30	English	
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
		W. Zhu Et Al., <i>Electron Field Emission From Nanostructured Diamond and Carbon Nanotubes</i>, Solid State Electronics, Vol. 45, 2001, pp. 921-928			
		J.M. Bonard Et Al., <i>Field Emission From Carbon Nanotubes: The First Five Years</i>, Solid State Electronics, Vol. 45, 2001, pp. 893-914			
		A.M. Rao et al., "In Situ-grown Carbon Nanotube Array of with Excellent Field Emission Characteristics," Applied Physics Letter, Vol. 76, No. 25, pp. 3813-3815 (2000).			
		Cheol Jin Lee et al., "Carbon Nanofibers Grown on Sodalime Glass at 500 °C Using Thermal Chemical Vapor Deposition," Chemical Physics Letters 340, pp. 413-418 (2001).			
		Sashiro Uemura et al., "Carbon Nanotube FED with Graphite-Nano-Fiber Emitters," ISSN 1083-1312, pp. 398-401.			
		Q. H. Wang et al., "A Nanotube-Based Field-Emission Flat Panel Display," Applied Physics Letters, Vol. 72, No. 22, June 1998, pp. 2912-2913			
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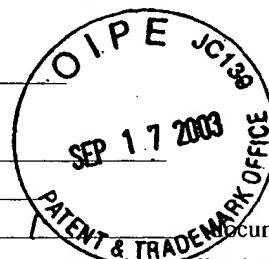
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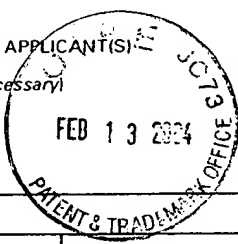
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			FILING DATE AUGUST 30, 2001		GROUP 2821	
U.S. PATENT DOCUMENTS						
*EXAMINER		DOCUMENT				FILING DATE IF APPROPRIATE
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
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